

CLAIMS

What is claimed is:

- 1 1. A method for generating error and summary reports for a data load,
2 comprising the steps of:
 - 3 (a) receiving a plurality of records to be loaded in a database;
 - 4 (b) choosing a data management template corresponding to the records;
 - 5 (c) verifying that all records to be loaded match the data management template;
 - 6 (d) sending the records to a database for loading in the database upon validation
7 that the records match the data management template; and
 - 8 (e) compiling a report of records that match the data management template and
9 records that do not match the data management template.
- 1 2. A method as recited in claim 1, further comprising the steps of separating
2 records that match the data management template from records that do not
3 match the data management template, and sending the records to a user
4 station if there are records that do not match the data management template.
- 1 3. A method as recited in claim 1, wherein the records include medical records.
- 1 4. A method as recited in claim 1, wherein no records are sent to the database if
2 any of the records do not match the data management template.
- 1 5. A method as recited in claim 1, further comprising the step of loading the
2 records into a table before validation of the records.
- 1 6. A method as recited in claim 1, further comprising the step of sending a
2 notification upon detecting a concurrently executing load process.

- 1 7. A computer program embodied on a computer readable medium for
2 generating error and summary reports for a data load, comprising:
3 (a) a code segment that receives a plurality of records to be loaded in a database;
4 (b) a code segment that chooses a data management template corresponding to
5 the records;
6 (c) a code segment that verifies that all records to be loaded match the data
7 management template;
8 (d) a code segment that sends the records to a database for loading in the
9 database upon validation that the records match the data management
10 template; and
11 (e) a code segment that compiles a report of records that match the data
12 management template and records that do not match the data management
13 template.
- 1 8. A computer program as recited in claim 7, further comprising a code
2 segment that separates records that match the data management template
3 from records that do not match the data management template, and sends the
4 records to a user station if there are records that do not match the data
5 management template.
- 1 9. A computer program as recited in claim 7, wherein the records include
2 medical records.
- 1 10. A computer program as recited in claim 7, wherein no records are sent to the
2 database if any of the records do not match the data management template.
- 1 11. A computer program as recited in claim 7, further comprising a code
2 segment that loads the records into a table before validation of the records.

- 1 12. A computer program as recited in claim 7, further comprising a code
2 segment that sends a notification upon detecting a concurrently executing
3 load process.
- 1 13. A system for generating error and summary reports for a data load,
2 comprising:
3 (a) logic that receives a plurality of records to be loaded in a database;
4 (b) logic that chooses a data management template corresponding to the records;
5 (c) logic that verifies that all records to be loaded match the data management
6 template;
7 (d) logic that sends the records to a database for loading in the database upon
8 validation that the records match the data management template; and
9 (e) logic that compiles a report of records that match the data management
10 template and records that do not match the data management template.
- 1 14. A system as recited in claim 13, further comprising logic that separates
2 records that match the data management template from records that do not
3 match the data management template, and sends the records to a user station
4 if there are records that do not match the data management template.
- 1 15. A system as recited in claim 13, wherein the records include medical records.
- 1 16. A system as recited in claim 13, wherein no records are sent to the database
2 if any of the records do not match the data management template.
- 1 17. A system as recited in claim 13, further comprising logic that loads the
2 records into a table before validation of the records.
- 1 18. A system as recited in claim 13, further comprising logic that sends a
2 notification upon detecting a concurrently executing load process.